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Substitute for form 1449PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/661,403
(use as many sheets as necessary)				Filing Date	September 12, 2003
Sheet	1	of	13	First Named Inventor	Andrew Vaillant et al.
				Art Unit	1648
				Examiner Name	Sharon L. Hurt
				Attorney Docket Number	16051-4US-CC

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
Sh		US-5,563,050			
Sh		US-6,506,559			
Sh		US-5,023,252			
Sh		US-5,580,859			
Sh		US-4,806,463			
Sh		US-5,248,670			
Sh		US-5,591,720			
Sh		US-5,952,490			
Sh		US-5,998,602			
Sh		US-6,184,369			
Sh		US-5,264,423			
Sh		US-5,276,019			
Sh		US-6,316,190			
Sh		US-5,218,103			
Sh		US-5,684,148			
Sh		US-5,452,496			
Sh		US-5,278,302			
Sh		US-5,750,666			
Sh		US-5,602,244			
Sh		US-5,508,270			

FOREIGN PATENT DOCUMENTS					
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Sh		WO 03/02903			
Sh		WO 99/32619			
Sh		WO 01/75164			
Sh		WO 92/03051			
Sh		WO 94/17093			
Sh		WO 94/02499			
Sh		WO 94/26764			
Sh		WO 97/13499			

Examiner Signature	<i>Sharon Hurt</i>	Date Considered	Dec 6, 2006
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Sh		US-4,469,863			
Sh		US-5,610,289			
Sh		US-5,256,775			
Sh		US-5,366,878			
Sh		US-5,476,925			
Sh		US-5,023,243			
Sh		US-5,130,302			
Sh		US-5,177,198			
Sh		US-5,378,825			
Sh		US-5,386,023			
Sh		US-5,489,677			
Sh		US-5,264,562			
Sh		US-5,264,564			
Sh		US-5,223,618			
Sh		US-5,770,713			
Sh		US-5,543,152			
Sh		US-4,426,330			
Sh		US-4,534,899			
Sh		US-5,705,188			
Sh		US-5,013,556			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code 3 – Number 4 – Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant Of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
Sh		WO 90/04384			
Sh		WO 97/30731			
Sh		EP 0 496 813 B1			
Sh		EP 0 445 131 B1			
Sh		WO 91/05545			
Sh		WO 94/20073			
Sh		WO 96/10391			
Sh		WO 98/39352			

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Sh		US-5,213,804			
Sh		US-5,225,212			
Sh		US-5,540,935			
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Sh		US-5,591,623			
Sh		US-5,514,788			
Sh		US-5,652,355			
Sh		US-6,143,881			
Sh		US-6,346,614			
Sh		US-5,591,721			
Sh		US-6,608,035			
Sh		US-3,687,808			
Sh		US-5,625,050			

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Sh		WO 99/14226			
Sh		WO 96/40062			
Sh		WO 97/04787			
Sh		WO 04/02419			

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				Art Unit	1648
				Examiner Name	Sharon L. Hurt
(use as many sheets as necessary)				Attorney Docket Number	16051-4US CC
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U.S. PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
SH		ADJOU et al., "A novel generation of heparan sulfate mimetics for the treatment of prion diseases", 2003, <i>J. Gen. Viro.</i> 84:2595-2603.	
SH		AGRAWAL, "Importance of nucleotide sequence and chemical modifications of antisense oligonucleotides", 1999, <i>Biochim. Biophys. Acta</i> 1489:53-68.	
SH		AGRAWAL and KANDIMALLA, "Antisense therapeutics: is it as simple as complementary base recognition?", 2000, <i>Mol. Med. Today</i> 6:72-81.	
SH		AKHTAR et al., "The delivery of antisense therapeutics", 2000, <i>Advanced Drug Delivery Reviews</i> 44:3-21.	
SH		ALLAKHVERDI et al., "Inhibition of Antigen-induced Eosinophilia and Airway Hyperresponsiveness by Antisense Oligonucleotides Directed against the Common β Chain of IL-3, IL-5, GM-CSF Receptors in a Rat Model of Allergic Asthma", 2002, <i>Am. J. Respir. Crit. Care Med.</i> 165:1015-1021.	
SH		ANDREOLA et al., "DNA aptamers selected against the HIV-1 RNase H display in vitro antiviral activity", 2001, <i>Biochemistry</i> , 40:10087-10094.	
SH		BAKER et al., "2-O-(2-Methoxy)ethyl-modified Anti-intercellular Adhesion Molecule 1 (ICAM-1) Oligonucleotides Selectively Increase the ICAM-1 mRNA Level and Inhibit Formation of the ICAM-1 Translation Initiation Complex in Human Umbilical Vein Endothelial Cells", 1997, <i>J. Biol. Chem.</i> 272 (18):11994-12000.	
SH		BALL et al., "Clinical Potential of Respirable Antisense Oligonucleotides (RASONS) in Asthma", 2003, <i>Am. J. Pharmacogenomics</i> 3 (2):97-106.	
SH		BANKS et al., "Delivery across the Blood-Brain Barrier of Antisense Directed against Amyloid β : Reversal of Learning and Memory Deficits in Mice Overexpressing Amyloid Precursor Protein", 2001, <i>J. Pharmacol. Exp. Ther.</i> 297 (3):1113-1121.	
SH		BARDOS et al., "Structure-Activity Relationships and Mode of Action of 5-Mercapto-Substituted Oligo- and Polynucleotides as Antitemplates Inhibiting Replication of Human Immunodeficiency Virus Type 1", 1992, <i>Antimicrob. Agents and Chemother.</i> 36 (1):108-114.	

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Sh		BARRET et al., "Evaluation of Quinacrine Treatment for Prion Diseases", 2003, <i>J. of Virol.</i> 77 (15):8462-8469.	
Sh		BATE et al., "Squalestatin Cures Prion-infected Neurons and Protects Against Prion Neurotoxicity", 2004, <i>J. of Biol. Chem.</i> 279 (15):14983-14990.	
Sh		BOUSSIF et al., "A versatile Vector for Gene and Oligonucleotide Transfer into Cells in Culture and in vivo: Polyethylenimine", 1995, <i>Proc. Natl. Acad. Sci. USA.</i> 92 (16):7297-7301.	
Sh		BRIGGER et al., "Poly(ethylene glycol)-Coated Hexadecylcyanoacrylate Nanospheres Display a Combined Effect for Brain Tumor Targeting", 2002, <i>J. Pharmacol. Exp. Ther.</i> 303 (3):928-936.	
Sh		CASPER, "Discovery of a Novel Target for Potential Cancer Therapy", Joint Bayer Science Forum – ACS November 24 th Dinner Meeting. 2003, The FILTERPAPER, Andy Edelbrock Bayer Corporation, page 3 (abstract).	
Sh		CAUGHEY et al., "Sulfated Polyanion Inhibition of Scrapie-Associated PrP Accumulation in Cultured Cells", 1993, <i>J. Virol.</i> 67 (2):643-650.	
Sh		CHEN et al., "Antisense Oligonucleotides Demonstrate a Dominant Role of c-Ki-RAS Proteins in Regulating the Proliferation of Diploid Human Fibroblasts", 1996, <i>J. Biol. Chem.</i> 271 (45):28259-28265.	
Sh		CHEONG et al., "Structure of influenza virus panhandle RNA studied by NMR spectroscopy and molecular modeling", 1999, <i>Nuc. Acids. Res.</i> 27 (5): 1392-1397.	
Sh		CHIANG et al., "Antisense Oligonucleotides Inhibit Intercellular Adhesion Molecule 1 Expression by Two Distinct Mechanisms", 1991, <i>J. Biol. Chem.</i> 266 (27):18162-18171.	
Sh		CIOFFI et al., "Selective Inhibition of A-Raf and C-Raf mRNA Expression by Antisense Oligodeoxynucleotides in Rat Vascular Smooth Muscle Cells: Role of A-Raf and C-Raf in Serum-Induced Proliferation", 1997, <i>Mol. Pharmacol.</i> 51:383-389.	

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Sh		CROOKE et al., "In Vitro Toxicological Evaluation of ISIS 1082, a Phosphorothioate Oligonucleotide Inhibitor of Herpes Simplex Virus", 1992, <i>Antimicrob. Agents Chemother.</i> 36 (3):527-532.	
Sh		DASS, "Vehicles for oligonucleotide delivery to tumours", 2002, <i>Journal of Pharmacy and Pharmacology</i> 54:3-27.	
Sh		DASS, "Liposome-Mediated Delivery of Oligodeoxynucleotides In Vivo", 2002, <i>Drug Delivery</i> , 9:169-180.	
Sh		DHEUR et al., "Polyethylenimine but Not Cationic Lipid Improves Antisense Activity of 3'-Capped Phosphodiester Oligonucleotides", 1999, <i>Antisense & Nucleic Acid Drug Development</i> , 9:515-525.	
Sh		DOH-URA et al., "Treatment of Transmissible Spongiform Encephalopathy by Intraventricular Drug Infusion in Animal Models", 2004, <i>J. Virol.</i> 78 (10):4999-5006.	
Sh		ELBASHIR et al., "RNA interference is mediated by 21- and 22-nucleotide RNAs", 2001, <i>Genes & Development</i> 15:188-200.	
Sh		ELBASHIR et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells", 2001, <i>Nature</i> 411:494-498.	
Sh		FINOTTO et al., "Local administration of antisense phosphorothioate oligonucleotides to the c-kit ligand, stem cell factor, suppresses airway inflammation and IL-4 production in a murine model of asthma", 2001, <i>J. Allergy Clin. Immunol.</i> 107 (2) :279-286.	
Sh		FISET et al., "Modulation of allergic response in nasal mucosa by antisense oligodeoxynucleotides for IL-4", 2003, <i>J. Allergy Clin. Immunol.</i> 111 (3) :580-586.	
Sh		GARRETT et al., "In vivo use of oligonucleotides to inhibit choroidal neovascularisation in the eye", 2001, <i>J. Gene Med.</i> 3:373-383.	

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Sh		GORLACH et al., "Antisense repression in <i>Cryptococcus neoformans</i> as a laboratory tool and potential antifungal strategy", 2002, <i>Microbiology</i> 148:213-219.	
Sh		GRIGORIEV et al., "Effects of the polyene antibiotic derivative MS-8209 on the astrocyte lysosomal system of scrapie-infected hamsters", 2002, <i>J. Mol. Neurosci.</i> 18:271-281.	
Sh		HARBOTH et al., "Identification of essential genes in cultured mammalian cells using small interfering RNAs", 2001, <i>Journal of Cell Science</i> 114 (24) 4557-4565.	
Sh		HORVATH et al., "Potent inhibition of HIV-1 entry by (s ⁴ dU) ₃₅ ", 2005, <i>Virology</i> 334:214-223.	
Sh		HUGHES et al., "The cellular delivery of antisense oligonucleotides and ribozymes", 2001, <i>Drug Discovery Today</i> . 6 (6) :303-315.	
Sh		HUWYLER et al., "Brain drug delivery of small molecules using immunoliposomes", 1996, <i>Proc. Natl. Acad. Sci. USA</i> 93:14164-14169.	
Sh		INOUE et al., "Synthesis and properties of novel nucleic acid probes", 1985, <i>Symposium Series - Nucleic Acids Research</i> No. 16:165-168.	
Sh		INOUE et al., "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", 1987, <i>FEBS Letters</i> 215 (2) :327-330.	
Sh		JAASKELAINEN et al., "A lipid carrier with a membrane active component and a small complex size are required for efficient cellular delivery of anti-sense phosphorothioate oligonucleotides", 2000, <i>European Journal of Pharmaceutical Sciences</i> 10:187-193.	
Sh		KANAGARATNAM et al., "Malaria merozoite surface protein antisense oligodeoxynucleotides lack antisense activity but function as polyanions to inhibit red cell invasion", 1998, <i>Int. J. Biochem. Cell Biol.</i> 30:979-985.	
Sh		KOCISKO et al., "New Inhibitors of Scrapie-Associated Prion Protein Formation in a Library of 2,000 Drugs and Natural Products", 2003, <i>J. Virol.</i> 77 (19) :10288-10294.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/661,403
(use as many sheets as necessary)				Filing Date	September 12, 2003
				First Named Inventor	Andrew Vaillant et al.
				Art Unit	1648
				Examiner Name	Sharon L. Hurt
Sheet	9	of	13	Attorney Docket Number	16051-4US CC

NON PATENT LITERATURE DOCUMENTS			
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Sh		KOSTER et al., "Emerging therapeutic agents for transmissible spongiform encephalopathies: a review", 2003, <i>J. Vet Pharmacol. Ther.</i> 26:315-26.	
Sh		KURRECK, "Antisense technologies. Improvement through novel chemical modifications", 2003, <i>Eur. J. Biochem.</i> 270:1628-1644.	
Sh		KUWASAKI et al., "Inhibition of human immunodeficiency virus 1 replication <i>in vitro</i> by a self-stabilized oligonucleotide with 2'-O-methyl-guanosine-uridine quadruplex motifs", 2003, <i>J. Antimicrob. Chemother.</i> 51:813-819.	
Sh		LAU et al., "Abrogation of c-Raf expression induces apoptosis in tumor cells", 1998, <i>Oncogene</i> 16:1899-1902.	
Sh		LEUNG and SHAH, in: <i>Controlled Release of drugs: Polymers and aggregate systems</i> , Rosoff, M., Ed., 1989, VCH Publishers, New York, pages 185-215.	
Sh		LUO et al., "Inhibition of influenza viral polymerases by minimal viral RNA decoys", 1997, <i>J. Gen. Virol.</i> 78: 2329-2333.	
Sh		de MERGNY et al., "Kinetics and thermodynamics of i-DNA formation: phosphodiester versus modified oligodeoxynucleotides", 1998, <i>Nucleic Acids Res.</i> 26 (21): 4797-4803.	
Sh		de MONBRISON et al., "Introducing antisense oligonucleotides into <i>Pneumocystis carinii</i> ", 2002, <i>J. Microbiol. Methods</i> 50:211-213.	
Sh		MONIA et al., "Evaluation of 2'-Modified Oligonucleotides Containing 2'-Deoxy Gaps as Antisense Inhibitors of Gene Expression", 1993, <i>J. Biol. Chem.</i> 268 (19) :14514-14522.	
Sh		MORASSUTTI et al., "Effect of phosphorothioate modifications on the ability of GTn oligodeoxynucleotides to specifically recognize single-stranded DNA-binding proteins and to affect human cancer cellular growth" 1999, <i>Biochimie</i> 81:1115-1122.	

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Sh	MOU and GRAY, "The high binding affinity of phosphorothioate-modified oligomers for Ff gene 5 protein is moderated by the addition of C-5 propyne or 2'-O-methyl modifications", 2002, <i>Nucleic Acids Res.</i> 30 (3):749-758.		
Sh	NAKAJIMA et al., "Results of Quinacrine Administration to Patients with Creutzfeldt-Jakob Disease", 2004, <i>Dement. Geriatr. Cogn. Disord.</i> 17:158-163.		
Sh	NOGUCHI et al., "Remarkable induction of apoptosis in cancer cells by a novel cationic liposome complexed with a bcl-2 antisense oligonucleotide", 2003, <i>Journal of Controlled Release</i> 88:313-320.		
Sh	NOONPAKDEE et al., "Inhibition of <i>Plasmodium falciparum</i> proliferation in vitro by antisense oligodeoxynucleotides against malarial topoisomerase II", 2003, <i>Biochem. and Biophys. Res. Commun.</i> 302:659-664.		
Sh	O'BRIEN et al., "Antisense BCR-ABL Oligomers Cause Non-Specific Inhibition of Chronic Myeloid Leukemia Cell Lines", 1994, <i>Leukemia</i> 8 (12):2156-2162.		
Sh	OMORI et al., "Targeting of post-ischemic cerebral endothelium in rat by liposomes bearing polyethylene glycol-coupled transferrin", 2003, <i>Neurol. Res.</i> 25:275-279.		
Sh	Orum et al., "Locked nucleic acids: A promising molecular family for gene-function analysis and antisense drug development", 2001, <i>Current Opinion in Molecular Therapeutics</i> 3 (3):239-243.		
Sh	PAN et al., "Isolation of virus-neutralizing RNAs from a large pool of random sequences", 1995, <i>Proc. Natl. Acad. Sci. USA</i> 92:11509-11513.		
Sh	PAPUCCI et al., "Phosphodiester Oligonucleotides Inhibit Mitosis and Trigger Apoptosis by a Non-Antisense, p53-Mediated Mechanism", 2002, <i>Antisense & Nucleic Acid Drug Development</i> 12:21-31.		
Sh	PEREZ et al., "Sequence-independent induction of Sp1 transcription factor activity by phosphorothioate oligodeoxynucleotides", 1994, <i>Proc. Natl. Acad. Sci. USA</i> 91:5957-5961.		
Sh	POLI et al.; "In vitro Evaluation of the Anti-prionic Activity of Newly Synthesized Congo Red Derivatives", 2003, <i>Arzneim.-Forsch./Drug Res.</i> 53 (12):875-888.		

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Sh		PRIOLA et al., "Porphyrin and Phthalocyanine Antiscrapie Compounds", 2000, <i>Science</i> 287: 1503-1506.	
Sh		PROSKE et al., "Prion-Protein-Specific Aptamer Reduces PrP ^{Sc} Formation", 2002, <i>Chemic. Biol. Chem.</i> 3:717-725.	
Sh		RAMAZEILLES et al., "Antisense phosphorothioate oligonucleotides: Selective killing of the intracellular parasite <i>Leishmania amazonensis</i> ", 1994, <i>Proc. Natl. Acad. Sci. USA</i> 91:7859-7863.	
Sh		RHIE et al., "Characterization of 2'-fluoro-RNA aptamers that bind preferentially to disease-associated conformations of prion protein and inhibit conversion", 2003, <i>J. Biol. Chem.</i> , 278 (41):39697-39705.	
Sh		Rieger, in: <i>Pharmaceutical Dosage Forms</i> , Lieberman, Rieger and Bunker (Eds), 1988, Marcel Dekker, INC., New York, NY, Vol. 1, pp. 285-366	
Sh		ROH et al., "Down-Regulation of HER2/neu Expression Induces Apoptosis in Human Cancer Cells That Overexpress HER2/neu", 2000, <i>Cancer Research</i> 60:560-565.	
Sh		ROSOFF, in: <i>Pharmaceutical Dosage Forms</i> , Lieberman, Rieger and Bunker (Eds), 1988, Marcel Dekker, INC., New York, NY, Vol. 1, pp.245-282.	
Sh		SCHMIDT et al., "Drug targeting by long-circulating liposomal glucocorticosteroids increases therapeutic efficacy in a model of multiple sclerosis", 2003, <i>Brain</i> 126 :1895-1904.	
Sh		SHYNG et al., "Sulfated Glycans Stimulate Endocytosis of the Cellular Isoform of the Prion Protein, PrP ^C , in Cultured Cells", 1995, <i>J. Biol. Chem.</i> 270 (50) :30221-30229.	
Sh		SIERAKOWSKA et al., "Repair of thalassemic human β -globin mRNA in mammalian cells by antisense oligonucleotides", 1996, <i>Proc. Natl. Acad. Sci. USA</i> 93:12840-12844.	

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Sh		SMETSERS et al., "An antisense Bcr-Abl phosphodiester-tailed methylphosphonate oligonucleotide reduces the growth of chronic myeloid leukaemia patient cells by a non-antisense mechanism", 1997, <i>British Journal of Haematology</i> 96:377-381.			
Sh		SUPATTAPONE et al., "Branched Polyamines Cure Prion-Infected Neuroblastoma Cells", 2001, <i>J. Virol.</i> 75 (7):3453-3461.			
Sh		TCHATALBACHEV et al., "The packaging signal of influenza viral RNA molecules", 2001, <i>RNA</i> 7: 979-989.			
Sh		UHLMANN and PEYMAN, "Antisense Oligonucleotides: A New Therapeutic Principle", 1990, <i>Chemical Reviews</i> 90 (4):544-584.			
Sh		VAN DEVENTER et al., "A randomised, controlled, double blind, escalating dose study of alicaforsen enema in active ulcerative colitis", 2004, <i>Gut</i> 53:1646-1651.			
Sh		VINOGRADOV et al., "Nanogels for Oligonucleotide Delivery to the Brain", 2004, <i>Bioconjug. Chem.</i> 15:50-60.			
Sh		WANG et al., "Sequence-independent Inhibition of In Vitro Vascular Smooth Muscle Cell Proliferation, Migration, and In Vivo Neointimal Formation by Phosphorothioate Oligodeoxynucleotides", 1996, <i>J. Clin. Invest.</i> 98 (2):443-450.			
Sh		WHITE et al., "Inhibition of the Multiple Antibiotic Resistance (mar) Operon in <i>Escherichia coli</i> by Antisense DNA Analogs", 1997, <i>Antimicrobial Agents and Chemotherapy</i> 41 (12):2699-2704.			
Sh		WHITE et al., "Development of novel methods for delivering therapeutic oligonucleotides to the central nervous system", 2003, <i>Society for Neuroscience</i> , Program #325.5, Abstract.			
Sh		WHITE et al., "Antisense oligonucleotide treatments for psoriasis", 2004, <i>Expert. Opin. Biol. Ther.</i> 4(1):75-81.			

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<i>SH</i>		XU et al., "Inhibition of DNA Replication and Induction of S Phase Cell Cycle Arrest by G-rich Oligonucleotides", 2001, <i>The Journal of Biological Chemistry</i> 276 (46):43221-43230.	
<i>SH</i>		YANG et al., "Construction and selection of bead-bound combinatorial oligonucleoside phosphorothioate and phosphorodithioate aptamer libraries designed for rapid PCR-based sequencing", 2002, <i>Nucl. Acids Res.</i> 30 (23):1-8.	
<i>SH</i>		YU et al., "Hybrid Oligonucleotides: Synthesis, Biophysical Properties, Stability Studies, and Biological Activity", 1996, <i>Bioorganic. Med. Chem.</i> 4 (10):1685-1692.	
<i>SH</i>		YU et al., "Prediction of Clinical Responses in a Simulated Phase III Trial of Crohn's Patients Administered the Antisense Phosphorothioate Oligonucleotide ISIS 2302: Comparison of Proposed Dosing Regimens", 2003, <i>Antisense Nucleic Acid Drug Dev.</i> 13:57-66.	
<i>SH</i>		ZELLWEGER et al., "Antitumor Activity of Antisense Clusterin Oligonucleotides Is Improved in Vitro and in Vivo by Incorporation of 2'-O-(2-Methoxy)Ethyl Chemistry", 2001, <i>J. Pharmacol. and Experimental Therapeutics</i> 298 (3):934-940.	
<i>SH</i>		ZHANG et al., "A Simple Glycol Nucleic Acid", 2005, <i>J. Am. Chem. Soc.</i> 127:4174-4175.	
<i>SH</i>		ZHANG et al., "The Study on Brain Targeting of the Amphotericin B Liposomes", 2003, <i>J. Drug. Target.</i> 11 (2):117-122.	
<i>SH</i>		ZHANG et al., "Global Non-Viral Gene Transfer to the Primate Brain Following Intravenous Administration", 2003, <i>Mol. Ther.</i> 7 (1):11-18.	
<i>SH</i>		<i>The Concise Encyclopedia of Polymer Science and Engineering</i> , Jacqueline I. Kroschwitz, 1998, ISBN: 0-471-31856-6, 1341 pages, pp. 858-859.	

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